

# APPARATUS FOR DECODING COMPRESSED IMAGES

## Abstract

An apparatus for decoding compressed images is disclosed. A compressed file decoder is added in the apparatus for decreasing the load on a CPU and increasing the speed of decoding a compressed file. Furthermore, a pipeline structure is used in designing the elements of the compressed file decoder. Therefore, after a compressed file is received by the compressed file decoder, each of the elements of the compressed file decoder sequentially executes to decode the compressed file to generate a corresponding decoded image data. Hence, when displaying the image corresponding to the compressed file, the quality of image display on a TV screen can be substantially improved, and the situation in which image display idles or delays will occur less.